

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Y. SOHDA et al

Serial No.

Filed: August 6, 2003

For: ELECTRON BEAM EXPOSURE EQUIPMENT AND
ELECTRON BEAM EXPOSURE METHOD

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a check in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a check in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed.

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the documents cited in the attached PTO-1449 Form, because each is in the English language and/or discussed in the present Specification.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,



John R. Mattingly
Registration No. 30,293
Attorney for Applicants

MATTINGLY, STANGER & MALUR
1800 Diagonal Rd., Suite 370
Alexandria, Virginia 22314
(703) 684-1120
Date: August 6, 2003

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NIT-385

SERIAL NO.

LIST OF DOCUMENTS CITED BY APPLICANT
*(Use several sheets if necessary)*APPLICANT
Y. SOHDA et alFILING DATE
August 6, 2003

GROUP

U.S. PATENT DOCUMENTS

| * EXAMINER INITIAL | DOCUMENT | DATE | NAME | CLASS | SUBCLASS | FILING DATE (If Appropriate) |
|--------------------|----------|------|------|-------|----------|---------------------------------|
| | AA | | | | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
| | AE | | | | | |
| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |
| | AI | | | | | |
| | AJ | | | | | |
| | AK | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|--------------|----------|---------|-------|----------|--------------------------|--------------------------|
| | | | | | | YES | NO |
| | AL 10-106931 | 4/24/98 | Japan | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AM 10-303095 | 11/13/98 | Japan | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AN 10-302696 | 11/13/98 | Japan | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AO | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AP | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|----|--|---|
| AR | | Micro Electronic Engineering, Vol. 21, 1993, pp. 145-148. |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|-------------------------------|------------|
| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. NIT-385 | SERIAL NO. |
| LIST OF DOCUMENTS CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | | APPLICANT Y. SOHDA et al | |
| | | FILING DATE August 6, 2003 | GROUP |

U.S. PATENT DOCUMENTS

| * EXAMINER INITIAL | DOCUMENT | DATE | NAME | CLASS | SUBCLASS | FILING DATE (If Appropriate) |
|--------------------|----------|------|------|-------|----------|---------------------------------|
| | AA | | | | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
| | AE | | | | | |
| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |
| | AI | | | | | |
| | AJ | | | | | |
| | AK | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/> |
|--|--------------|----------|---------|-------|----------|---|
| | AL 10-106931 | 4/24/98 | Japan | | | <input type="checkbox"/> <input type="checkbox"/> |
| | AM 10-303095 | 11/13/98 | Japan | | | <input type="checkbox"/> <input type="checkbox"/> |
| | AN 10-302696 | 11/13/98 | Japan | | | <input type="checkbox"/> <input type="checkbox"/> |
| | AO | | | | | <input type="checkbox"/> <input type="checkbox"/> |
| | AP | | | | | <input type="checkbox"/> <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|----|---|
| AR | Micro Electronic Engineering, Vol. 21, 1993, pp. 145-148. |
| | |
| AS | |
| | |
| AT | |
| | |

EXAMINER _____ DATE CONSIDERED _____

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.